

KAISER
ALUMINUM
FABRICATED PRODUCTS

Best in Class

CERTIFIED TEST REPORT

<http://Certs.KaiserAluminum.com>

KAISER ALUMINUM
FABRICATED PRODUCTS, LLC
6573 W. WILLIS ROAD
CHANDLER, AZ 85226

Applicable Requirements:

Description: MADE IN USA
OD: 0.375"; Wall: 0.049"; Round @
AMS-4082P ASTM-B210-04 WW-T-700/6F
WE TAKE EXCEPTION TO PARA. 5.2.1. Per AMS 4082P, WAS NOT OILED.
THE FOLLOWING SPECIFICATIONS HAVE BEEN MADE INACTIVE OR
CANCELLED: MIL-T-7081, WW-T-700F/GEN, WW-T-700/2E, WW-T-700/3F,
WW-T-700/4F, WW-T-700/5E, WW-T-700/6F, WW-T-700/7B.
COMPLIES TO DIN EN 10204 JAN 2005
COMPLIES TO DFAR 252.225-7001 and DFAR 252.225-7014
No Weld Repair. Mercury Free.

Miscellaneous Notes

MANUFACTURED IN USA MELTED IN USA

Q.C. Reviewed
7-22-11 km

CERTIFICATION

Kaiser Aluminum Fabricated Products, LLC ('Kaiser') hereby certifies that metal shipped under this order has been inspected and tested and found in conformance with the applicable specifications forming a part of the description set forth in Kaiser's sales acknowledgement form. Any warranty is limited to that shown on Kaiser's general terms & conditions of sale. Test reports are on file subject to examination.

Nathaniel Stevens, Quality Manager



Plant Serial: 00009696

Kaiser Order Number: 206990

Line Item: 001

Page 2 of 2

4

OR.REF:
STSPRS:

TO:

INIT.::

07/07/2011 From: MARMON/KEYSTONE CORPORATION

M/K OR:
C.P.O.::
C PART:



MILL INSPECTION CERTIFICATE



CHANGSHU WALSIN SPECIALTY STEEL CO.,LTD.
EN 10204 3.1

CUSTOMER: MARMON/KEYSTONE CANADA INC. 2011/5/3		HEAT NO: YX1004-364 CONDITION: COLD FINISHED, ANNEALED, PICKLED, PLAIN END CERTIFICATE NO: 201105038024004																																																	
COMMODITY: STAINLESS STEEL SEAMLESS TUBING		GRADE: XTP 304L																																																	
CHEMICAL COMPOSITION (Wt%)																																																			
ELEMENTS	C	Si	Mn	P	S	Ni	Cr	Mo	N	Cu	Ti	Co+Ta	Co	Al	V	B																																			
SPECIFICATION	min	0.035	1.000	2.000	0.045	0.030	12.000	20.000																																											
RESULTS (LADLE)	max	0.023	0.370	0.620	0.027	0.001	10.090	18.300																																											
RESULTS (PRODUCT)		0.019	0.450	0.603	0.029	0.000	10.019	18.138																																											
SIZE/INCH (OD) x WT (%)												CASE NO.					PIECES					WEIGHT		TS		YS		EL		HARDNESS		FLATTENING		FLARING		I.C.		GRAIN		Lot No.		HYDROSTATIC		EDDY		ULTRASONIC					
												23-10#					150					3000		242		MPa		MPa		1% (50mm)		HRB		TEST		GOOD		GOOD		GOOD		/		201102-BA-037		/		GOOD		GOOD	
TOTAL:												150					3000					242																													
REMARK: AS PER ASTM A213-10, ASME SA213-10/ASTM A269-10. NACE MR 0175 TEST PER ASTM A262, PRACTICE E MATERIAL FREE FROM MERCURY CONTAMINATION NO REPAIR BY WELDING MADE IN CHINA HRB MAX 80 400# POLISHED																																																			
ADDRESS: 56# RENMIN ROAD, HAITU TOWN, CHANGSHU CITY, JIANGSU PROVINCE, CHINA 215519 TEL: +86-512-52566260 FAX: +86-512-52568027																																																			
QUALITY MANAGER																																																			

Bin Sun

Q.C. Reviewed
6-14-11 E.A.



SHANGHAI CRYSTAL PALACE PIPE CO., LTD

LAO GANG, PUDONG NEW AREA DISTRICT, SHANGHAI, CHINA

MILL TEST CERTIFICATE

CRYSTAL-PALACE

ISO9001:2000 ; PED Material CERTIFICATE (No.: QAC0021058/A)

DATE OF ISSUE: 2011/2/1

CUSTOMER: MARMON/KEystone CANADA INC

CERTIFICATE NO.: 2010-11-9-B-4

P.O.NO.: BN7230

ORDER NO.: 2010-11-009-B

COMMODITY: STAINLESS STEEL SEAMLESS TUBING

GRADE: ASTM A213-09b/ASME SA213-07 TP304/TP304L

CONDITION: COLD FINISH / SOLUTION TREATED / PICKLED / PLAIN END / OD POLISHED 320 GRIT

HEAT NO.: YT13253

CHEMICAL CONTENTS (WT%)

ELEMENTS	C	Mn	P	S	Si	Ni	Cr
SPECIFICATION	≤ 0.035	≤ 2.00	≤ 0.040	≤ 0.030	≤ 0.75	8.0~12.0	18.0~20.0
RESULTS (LADLE)	0.025	0.74	0.039	0.002	0.41	8.08	18.34

PHYSICAL PROPERTIES

Dimensions			Bundle No.	Pieces	Weight (kg)	0.2%YS	T S	EL	FLARING TEST	FLATTENING TEST	HARDNESS HRB	EDDY CURRENT TEST TO E426 (100%)
O.D (inch)	W.T (inch)	Length (feet)				(Mpa) ≥ 205	(Mpa) ≥ 515	(%) ≥ 35				
0.500	0.035	20	W10-12-12	500	797	340	695	66.0	OK	OK	73	OK (DRILLED HOLE)
0.750	0.049	20	11-1-90	25	84	345	690	57.0	OK	OK	75	OK (DRILLED HOLE)

REMARKS:

AS PER ASTM A213-09b/ASME SA213-07
WALL THICKNESS TOLERANCE AS PER ASTM A269-08
IN COMPLIANCE TO NACE MR0175-2003
IC TEST TO ASTM A262 PRACTICE E
SOLUTION HEAT TREATMENT :1050°C X 1.5m/min
NO WELD REPAIR WAS PERFORMED
FREE FROM MERCURY CONTAMINATION
COUNTRY OF ORIGIN: CHINA
MILL TEST CERTIFICATE TO EN 10204/3.1
INVOICE NO. YK-11-02-04

1. WE HEREBY CERTIFY THAT THE MATERIAL DESCRIBED HEREIN HAS BEEN TESTED AND THE TEST RESULTS ARE IN COMPLIANCE WITH THE TERMS OF THE PURCHASE ORDER OR CONTRACT
2. THE CERTIFICATE SHALL NOT BE REPRODUCED, EXCEPT IN FULL, WITHOUT THE WRITTEN APPROVAL OF THE COMPANY.

SHANGHAI CRYSTAL PALACE PIPE CO., LTD

QC REVIEWED

MAR 10 2011

MANAGER OF QUALITY ASSURANCE DEPARTMENT

07/11/2011 From:MARMON/KEYSTONE CORPORATION

To:

M/K OR:

INIT.::

OR.REF:

C.P.O.:

SLSPRS:

C PART:

KAISER **ALUMINUM** **FABRICATED PRODUCTS**

CERTIFIED TEST REPORT

<http://Certs.KaiserAluminum.com>

KAISER ALUMINUM
 FABRICATED PRODUCTS, LLC
 6573 W. WILLIS ROAD
 CHANDLER, AZ 85226

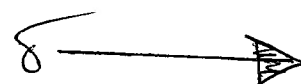
CUSTOMER PO NUMBER: 61-14788-1		CUSTOMER PART NUMBER: AT/5.058/734		PRODUCT DESCRIPTION: Seamless Tube/Pipe	
KAISER ORDER NUMBER: 207647	LINE ITEM: 001	SHIP DATE: 06/01/2011	KAISER LOT NUMBER: F00011753	ALLOY: 6061	TEMPER: T6
WEIGHT SHIPPED: 598.000 LB	QUANTITY: 524.000 PCS	B/L NUMBER: 207901	DIAM/DAF/THKNS: 	WIDTH: 	LENGTH: 12.000 FT
SHIP TO: MARMON/KEYSTONE CORP 32844 US HIGHWAY 6 SPRING VALLEY, IL 61362 USA			SOLD TO: MARMON/KEYSTONE CORP 10700 MARMON DR BOLINGBROOK, IL 60440 USA		

Actual Physical Properties

REFERENCE	DASH#	SAMPLE#	UTS (KSI)	YTS (KSI)	ELONG%	HARDNESS	CON% IACS	BEND
F00011753	0001	1	46.6	43.4	14.0	N/A	N/A	N/A
F00011753	0002	1	47.4	43.3	14.0	N/A	N/A	N/A
F00011753	0003	1	46.8	42.5	15.0	N/A	N/A	N/A

Chemical Composition (wt%), Aluminum Remainder

LIMITS	Si	Fe	Cu	Mn	Mg	Cr	Zn	Ti	Pb	Bi	Zr	Ea	Tot
Maximum	0.80	0.70	0.40	0.15	1.20	0.35	0.25	0.15	NA	NA	NA	0.05	0.15
Minimum	0.40	0.00	0.15	0.00	0.80	0.04	0.00	0.00	NA	NA	NA	0.00	0.00
D69220	.58	.33	.22	.05	1.00	.09	.07	.03	.00	.00	.00	.01	.02



CERTIFICATION

Kaiser Aluminum Fabricated Products, LLC ('Kaiser') hereby certifies that metal shipped under this order has been inspected and tested and found in conformance with the applicable specifications forming a part of the description set forth in Kaiser's sales acknowledgement form. Any warranty is limited to that shown on Kaiser's general terms & conditions of sale. Test reports are on file subject to examination.

Nathaniel Stevens, Quality Manager

Plant Serial: 00010655

Kaiser Order Number: 207647

Line Item: 001

Page 1 of 2

ATS .500 .058 D6061 T6

07/11/2011 From: MARMON/KEYSTONE CORPORATION

To:

M/K OR:

INIT.:

OR.REF:

C.P.O.:

SLSPRS:

C PART:

KAISER ALUMINUM FABRICATED PRODUCTS

KAISER ALUMINUM
FABRICATED PRODUCTS, LLC
6573 W. WILLIS ROAD
CHANDLER, AZ 85226

CERTIFIED TEST REPORT

<http://Certs.KaiserAluminum.com>

Applicable Requirements:

Description: MADE IN USA

OD: 0.500"; Wall: 0.058"; Round @

AMS-4082P ASTM-B210-04 WW-T-700/6F

WE TAKE EXCEPTION TO PARA. 5.2.1., Per AMS-4082P, WAS NOT OILED.

THE FOLLOWING SPECIFICATIONS HAVE BEEN MADE INACTIVE OR

CANCELLED: MIL-T-7081, WW-T-700F/GEN, WW-T-700/2E, WW-T-700/3F,

WW-T-700/4F, WW-T-700/5E, WW-T-700/6F, and WW-T-700/7B.

COMPLIES TO DIN EN 10204 JAN 2005

COMPLIES TO DFAR 252.225-7001 and DFAR 252.225-7014

No Weld Repair. Mercury Free.

Miscellaneous Notes

MANUFACTURED IN USA MELTED IN USA

Q. C. REVIEWED

7-22-11 KA

CERTIFICATION

Kaiser Aluminum Fabricated Products, LLC ('Kaiser') hereby certifies that metal shipped under this order has been inspected and tested and found in conformance with the applicable specifications forming a part of the description set forth in Kaiser's sales acknowledgement form. Any warranty is limited to that shown on Kaiser's general terms & conditions of sale. Test reports are on file subject to examination.

Nathaniel Stevens, Quality Manager

Plant Serial: 00010655

Kaiser Order Number: 207647

Line Item: 001

Page 2 of 2



Marmon/Keystone Canada Inc.

ACIERS SPÉCIALISÉS

FORMULE COMBINÉE ET ABREGÉE DE CONNaisseMENT SIMPLE - CONTRAT D'EXPÉDITION DE MESSAGERIES
ADOPTÉE PAR LES CHEMINS DE fer dans la classification (Canadian Freight Classification) et pouvant être obtenue à toute
agence de fret et bureau FRET QUI ASSURENT LE TRANSPORT DES MARCHANDISES ET DES MESSAGERIES ET QUI
SONT SOUS LA JURIDICTION DE LA COMMISSION CONSIGNEURS A CANADIENNE DES TRANSPORTS, EMIS A LA
DEMANDE DE L'EXPÉDITEUR

Il est convenu entre tout vendeur/charge du transport d'une part et du tout destinataire/marchandises par une partie quelconque
du vendeur à destination, et tout intervenant dans une partie ou toutes les parties marchandes que tout service essence ci-dessus est sujet à
toutes les conditions (qui sont par les présentes) incorporées par renvoi au présent et ont la même force et le même effet que si elles
étaient énoncées et spécifiées ci-dessus au long dans ce document.)

1. approuvées par la Commission des Transports du Canada, suivant l'ordonnance générale numéro T-5 du 1er février 1965,
2. stipulées dans la formule de connaissement ci-dessus, en respectant les tarifs applicables, classifications ou règlements
3. stipulées dans la formule de connaissement ci-dessus, en respectant les tarifs applicables, classifications ou règlements
4. stipulées dans la formule de connaissement ci-dessus, en respectant les tarifs applicables, classifications ou règlements

Destiné à :

DART AEROSPACE LTD
1270 ABERDEEN STREET

HAWKESBURY ON CAN K6A 1K7

PAGE.: 1

290 Chemin du Tremblay Boucherville J4B 5X9
TEL (514) 527 9153 FAX (450) 641 4357

Shipping date.....: 10/04/2011
Name of Carrier....: TST OVERLAND #222212
P.O.B.....: BOUCHERVILLE

COMBINATION SHORT FORM OF STRAIGHT BILL OF LADING-EXPRESS SHIPPING CONTRACT ADOPTED BY
RAIL FREIGHT AND EXPRESS CARRIERS SUBJECT TO THE JURISDICTION OF THE CANADIAN TRANSPORT
COMMISSION ISSUED AT SHIPPER'S REQUEST
It is mutually agreed, as to each consignment of all or any of said goods over all or any portion of said route to destination, and as to
each party at any time intervening in all or any of said goods, that every service to be performed hereunder shall be subjected to all
the terms and conditions (which are hereby incorporated by reference and have the same force and effect as if the same were fully
and specifically set forth herein).

Telephone.....: 613 632 5200

Customer order.: 15061

Description du chargement et marques spéciales/Description of shipments and special marks	Folds/Weight	Pieces/PCS	Si les frais sont payables d'avance écrire ou estampier ici : If charges are to be prepaid write or stamp here: Collect	
<p>✓ Fax all papers to Linda Lacelle 613-632-1053 rev:01/11 GD</p> <p>01-STAINLESS STEEL SEAMLESS TUBE 304L smls tube 3/4"x.120" SA213aw AP STS .750 .120 F304L 10/04/2011 40 FT Cust. part#: M304TR0.750W.120 Rev: CPI Country of Origin: CHN HT#: YT3973</p>		32.3	2	<p>Recu/Received \$</p> <p>Doit être crédit aux fins sur les biens ci-contre.</p> <p>Agent ou mixier/Agent or Cashier</p> <p>Par/Per.</p> <p>A l'usage du voiturier/For carrier's use</p>
<p>02-ALUMINUM SMLS TUBE ATS .375 .049 D6061 10/04/2011 48 FT Cust. part#: M6061T6T0.375W.049 Rev: RM Country of Origin: USA HT#: F00010620</p>		2.8	4	<p>Avances et ou Au delà/ Advance and or beyond \$</p> <p>Divers/Misc. \$</p> <p>Suppl. Piece / Suppl. Piece \$</p> <p>Suppl. Valeur / Suppl. Value \$</p> <p>Total/Totals \$</p>
<p>03-STAINLESS STEEL SEAMLESS TUBE SMLS TUBE 304L 1/2 X .035 A213 STS .500 .035 304L 10/04/2011 100 FT Cust. part#: M304TR0.500W.035 Rev: W2 Country of Origin: CHN HT#: YX1004-364</p>		17.4	5	
<p>04-STAINLESS STEEL SEAMLESS TUBE SMLS TUBE 304L 3/4 X .049 A213 STS .750 .049 304L 10/04/2011 200 FT Cust. part#: M304TR0.750W.049 Rev: CPI Country of Origin: CHN HT#: YT3253</p>		73.4	10	
<p>05-ALUMINUM SMLS TUBE ATS .500 .058 D6061 10/04/2011 108 FT Cust. part#: M6061T6T0.500W.058 Rev: RM Country of Origin: USA HT#: F00011753</p>		10.3	9	
<p>Bdls/Pieces 1 + 0 - 1</p>			<p>Nombre de pièces à grandes dimensions / Number of extra large pieces.</p>	
<p>Poids total/ Total weight 135 LB</p>			<p>Valuation/Valuation</p>	
<p>Dimensions/ Dimensions Si le tarif l'exige indiquer le volume total. / Where required by tariff shipper must complete the following. Volume (pied cubes)/ Total cubic feet</p>			<p>Numéro du cmr/Order number 1107441</p>	
<p>Expéditeur/ Shipper</p>			<p>Signature du client/Customer</p>	



Services de distribution Marmon/La société Berkshire Hathaway



SHANGHAI CRYSTAL PALACE PIPE CO., LTD

LAO GANG, PUDONG NEW AREA DISTRICT, SHANGHAI, CHINA

MILL TEST CERTIFICATE

CRYSTAL PALACE

ISO9001:2000 PED Material Certificate (No.: QACC0021058/A) DATE OF ISSUE: 2011/2/1

CUSTOMER: MARMON/KEYSTONE CANADA INC

CERTIFICATE NO.: 2010-11-9-B-8

P.O. NO.: BN7230

ORDER NO.: 2010-11-009-B

COMMODITY: STAINLESS STEEL SEAMLESS TUBING

GRADE: ASTM A213-09/ASME SA213-07 TP304/TP304L

CONDITION: COLD FINISH / SOLUTION TREATED / PICKLED / PLAIN END.

HEAT NO.: YT3973

CHEMICAL CONTENTS (WT%)

ELEMENTS	C	Mn	P	S	Si	NI	Cr
SPECIFICATION	≤ 0.035	≤ 2.00	≤ 0.040	≤ 0.030	≤ 0.75	8.0-12.0	18.0-20.0
RESULTS (LADLE)	0.026	0.71	0.039	0.004	0.41	8.08	18.39

PHYSICAL PROPERTIES

Dimensions		Bundle No.	Pieces	Weight (kg)	0.2%YS (Mpa)			T S (Mpa)			EL (%)			FLARING TEST	FLATTENING TEST	HARDNESS HRB	EDDY CURRENT TEST TO E426 (100%)
O.D (inch)	W.T (inch)				≥ 205	≥ 515	≥ 35	≥ 515	≥ 515	≥ 35	≥ 35	≥ 35	≥ 35				
0.750	0.120	20	PI0-12-267	25	185	365	680	59.5	OK	OK	OK	OK	OK	OK	OK	75	OK (DRILLED HOLE)

REMARKS:

AS PER ASTM A213-09/ASME SA213-07
WALL THICKNESS TOLERANCE AS PER ASTM A269-08
IN COMPLIANCE TO NACE MR0175-2003
IC TEST TO ASTM A262 PRACTICE E
SOLUTION HEAT TREATMENT: 1050°C X 1.5hr/min
NO WELD REPAIR WAS PERFORMED
FREE FROM MERCURY CONTAMINATION
COUNTRY OF ORIGIN: CHINA
MILL TEST CERTIFICATE TO EN 10204/3.1
INVOICE NO: YK-11-02-04

1. WE HEREBY CERTIFY THAT THE MATERIAL DESCRIBED HEREIN HAS BEEN TESTED AND THE TEST RESULTS ARE IN COMPLIANCE WITH THE TERMS OF THE PURCHASE ORDER OR CONTRACT
2. THE CERTIFICATE SHALL NOT BE REPRODUCED, EXCEPT IN FULL, WITHOUT THE WRITTEN APPROVAL OF THE COMPANY.

SHANGHAI CRYSTAL PALACE PIPE CO., LTD

MANAGER OF QUALITY ASSURANCE DEPARTMENT

QC REVIEWED

MAR 10 2011

MM

ATS- .375- .049-

-D6061 * F00010620 * 000499/ * BN2411 * 1/22/2011

KAISER
ALUMINUM
FABRICATED PRODUCTS

Best in Class

CERTIFIED TEST REPORT

<http://Certs.KaiserAluminum.com>

KAISER ALUMINUM
FABRICATED PRODUCTS, LLC
8573 W. WILLIS ROAD
CHANDLER, AZ 85226

CUSTOMER PO NUMBER: 61-13783-1		CUSTOMER PART NUMBER: AT/375.049/734		PRODUCT DESCRIPTION: Seamless Tube/Pipe	
KAISER ORDER NUMBER: 206990	LINE ITEM: 001	SHIP DATE: 02/25/2011	KAISER LOT NUMBER: F00010620	ALLOY: 6061	TEMPER: T8
WEIGHT SHIPPED: 404.000 LB	QUANTITY: 573.000 PCS	BL NUMBER: 207109	DIAM/DAF/THKNS: 	WIDTH: 	LENGTH: 12.000 FT
SHIP TO: MARMON/KEYSTONE CORP 32944 US HIGHWAY 6 SPRING VALLEY, IL 61362 USA			SOLD TO: MARMON/KEYSTONE CORP 10700 MARMON DR BOLINGBROOK, IL 60440 USA		

Actual Physical Properties

REFERENCE	DASH#	SAMPLE#	UTS (KSI)	YTS (KSI)	ELONG%	HARDNESS	CONTRACTS	BEND
F00010620	0001	1	46.1	42.6	13.0	N/A	N/A	N/A

Chemical Composition (wt%), Aluminum Remainder

LIMITS	Si	Fe	Cu	Mn	Mg	Cr	Zn	Ti	Pb	Bi	Zr	Ea	Tot
Maximum	0.80	0.70	0.40	0.15	1.20	0.35	0.25	0.15	NA	NA	NA	0.05	0.15
Minimum	0.40	0.00	0.15	0.00	0.80	0.04	0.00	0.00	NA	NA	NA	0.00	0.00
R30372	.58	.31	.18	.04	.92	.05	.05	.02	.01	.01	.00	.01	.03

CERTIFICATION

Kaiser Aluminum Fabricated Products, LLC ("Kaiser") hereby certifies that metal shipped under this order has been inspected and tested and found in conformance with the applicable specifications forming a part of the description set forth in Kaiser's sales acknowledgement form. Any warranty is limited to that shown on Kaiser's general terms & conditions of sale. Test reports are on file subject to examination.

Nathaniel Stevens, Quality Manager

Plant Serial: 00009696

Kaiser Order Number: 206990

Line Item: 001

Page 1 of 2

ATS .375 .049 D6061 T6

4

STSPRS:
OR REF:

To:

INIT.:

07/07/2011 From: MARMON/KEYSTONE CORPORATION

M/K OR:
C.F.O. #
C PART#

KAISER ALUMINUM FABRICATED PRODUCTS

Best in Class

CERTIFIED TEST REPORT

<http://Certs.KaiserAluminum.com>

KAISER ALUMINUM
FABRICATED PRODUCTS, LLC
8573 W. WILLIS ROAD
CHANDLER, AZ 85226

Applicable Requirements:

Description: MADE IN USA
OD: 0.375"; Wall: 0.049"; Round @
AMS-4082P ASTM-B210-04 WW-T-700/6F
WE TAKE EXCEPTION TO PARA. 5.2.1. Per AMS 4082P, WAS NOT OILED.
THE FOLLOWING SPECIFICATIONS HAVE BEEN MADE INACTIVE OR
CANCELLED: MIL-T-7081, WW-T-700F/GEN, WW-T-700/2E, WW-T-700/3E,
WW-T-700/4F, WW-T-700/5E, WW-T-700/6F, WW-T-700/7B.
COMPLIES TO DIN EN 10204 JAN 2005
COMPLIES TO DFAR 252.225-7001 and DFAR 252.225-7014
No Weld Repair. Mercury Free.

Miscellaneous Notes

MANUFACTURED IN USA MELTED IN USA

QC REVIEWED

JUL 22 2011

MHJ

CERTIFICATION

Kaiser Aluminum Fabricated Products, LLC ('Kaiser') hereby certifies that metal shipped under this order has been inspected and tested and found in conformance with the applicable specifications forming a part of the description set forth in Kaiser's sales acknowledgement form. Any warranty is limited to that shown on Kaiser's general terms & conditions of sale. Test reports are on file subject to examination.

Nathaniel Stevens, Quality Manager

Plant Serial: 00009696

Kaiser Order Number: 206990

Line Item: 001

Page 2 of 2

Nathaniel Stevens

C PART:
C.P.O.
M/R OR:

INITIALS:

OR REF:
SLSPRS:

TO:

07/07/2011 From: MARMON/KEYSTONE CORPORATION

4

ATS- .375- .049-

-D6061 * F00010620 * 0005000 * MNZ406 * 1/22/2011

KAISER
ALUMINUM
 FABRICATED PRODUCTS

Best in Class

CERTIFIED TEST REPORT
<http://Certs.KaiserAluminum.com>

KAISER ALUMINUM
 FABRICATED PRODUCTS, LLC
 6573 W. WILLIS ROAD
 CHANDLER, AZ 85226

CUSTOMER PO NUMBER: 61-13783-1		CUSTOMER PART NUMBER: AT1.375.049/734		PRODUCT DESCRIPTION: Seamless Tube/Pipe	
KAISER ORDER NUMBER: 206990	LINE ITEM: 001	SHIP DATE: 02/25/2011	KAISER LOT NUMBER: F00010620	ALLOY: 6061	TEMPER: T6
WEIGHT SHIPPED: 404.000 LB	QUANTITY: 573.000 PCS	BL NUMBER: 207109	DIAM/ID/THKNS: 	WIDTH: 	LENGTH: 12.000 FT
SHIP TO: MARMON/KEYSTONE CORP 32944 US HIGHWAY 6 SPRING VALLEY, IL 61362 USA			SOLD TO: MARMON/KEYSTONE CORP 10700 MARMON DR BOLINGBROOK, IL 60440 USA		

Actual Physical Properties

REFERENCE	DASH#	SAMPLE#	UTS (KSI)	YTS (KSI)	ELONG%	HARDNESS	CONT'LACS	SEMD
F00010620	0001	1	46.1	42.6	13.0	N/A	N/A	N/A

Chemical Composition (wt%), Aluminum Remainder

LIMITS	Si	Fe	Cu	Mn	Mg	Ce	Zn	Ti	Pb	Bi	Zr	Es	Tot
Maximum	0.80	0.70	0.40	0.15	1.20	0.35	0.25	0.15	NA	NA	NA	0.05	0.15
Minimum	0.40	0.00	0.15	0.00	0.80	0.04	0.00	0.00	NA	NA	NA	0.00	0.00
R30372	.58	.31	.18	.04	.92	.05	.05	.02	.01	.01	.00	.01	.03

CERTIFICATION

Kaiser Aluminum Fabricated Products, LLC ('Kaiser') hereby certifies that metal shipped under this order has been inspected and tested and found in conformance with the applicable specifications forming a part of the description set forth in Kaiser's sales acknowledgement form. Any warranty is limited to that shown on Kaiser's general terms & conditions of sale. Test reports are on file subject to examination.

Nathaniel Stevens, Quality Manager

Plant Serial: 00009696

Kaiser Order Number: 206990

Line Item: 001

Page 1 of 2

Nathaniel Stevens

ATS .375 .049 D6061 T6

4

OR-REFE
 SLSPRS#

TO:

INITIALS:

07/07/2011 FROM: MARMON/KEYSTONE CORPORATION

M/R ORS
 C.P.O.#
 C PARTS

KAISER
ALUMINUM
FABRICATED PRODUCTS

Best in Class

CERTIFIED TEST REPORT
<http://Certs.KaiserAluminum.com>

KAISER ALUMINUM
FABRICATED PRODUCTS, LLC
6573 W. WILLIS ROAD
CHANDLER, AZ 85226

Applicable Requirements:

Description: MADE IN USA
OD: 0.375"; Wall: 0.049"; Round @
AMS-4082P ASTM-B210-04 WW-T-700/6F
WE TAKE EXCEPTION TO PARA. 5.2.1. Per AMS 4082P, WAS NOT OILED.
THE FOLLOWING SPECIFICATIONS HAVE BEEN MADE INACTIVE OR
CANCELLED: MIL-T-7081, WW-T-700F/GEN, WW-T-700/2E, WW-T-700/3F,
WW-T-700/4F, WW-T-700/5E, WW-T-700/6F, WW-T-700/7B.
COMPLIES TO DIN EN 10204 JAN 2005
COMPLIES TO DFAR 252.225-7001 and DFAR 252.225-7014
No Weld Repair. Mercury Free.

Miscellaneous Notes

MANUFACTURED IN USA MELTED IN USA

Q.C. Reviewed
7-22-11 kg

CERTIFICATION

Kaiser Aluminum Fabricated Products, LLC ('Kaiser') hereby certifies that metal shipped under this order has been inspected and tested and found in conformance with the applicable specifications forming a part of the description set forth in Kaiser's sales acknowledgement form. Any warranty is limited to that shown on Kaiser's general terms & conditions of sale. Test reports are on file subject to examination.

Nathaniel Stevens, Quality Manager

Plant Serial: 00009696

Kaiser Order Number: 206990

Line Item: 001

Page 2 of 2

Nathaniel Stevens

OR, REF:
SISPRS:

To:

INIT.:

07/07/2011 FROM: MARMON/KEYSTONE CORPORATION

M/K OR:
C.P.O. #:
C PART:



MILL INSPECTION CERTIFICATE

CHANGSHU WALSIN SPECIALTY STEEL CO., LTD.
EN 10204 3.1



CUSTOMER: MAELMONKEYSTONE CANADA INC.										HEAT NO.: YX1004-364																													
COMMODITY: STAINLESS STEEL SEAMLESS TUBING										CONDITION: COLD FINISHED, ANNEALED, PICKLED, PLANED																													
GRADE: TP 304L										CHEMICAL COMPOSITION (WT%)																													
ELEMENTS										C	SI	MIN	P	S	N	CU	NI	CR	MO	CO	AL	V	B																
SPECIFICATION										MIN	0.035	1.000	0.045	0.030	0.010	0.010	12.000	20.000																					
RESULTS (CALC)										0.023	0.370	0.020	0.027	0.001	0.009	18.300																							
RESULTS (PRODUCT)										0.019	0.340	0.020	0.025	0.000	0.019	18.138																							
SIZE (mm)										CASE NO.		PIECES		WEIGHT		TS		YS		EL		HARDNESS		FLATTENING		FLARING		I.C.		GRAIN		Lgr No.		HYDROSTATIC		EDDY		ULTRASONIC	
ODX ± WT (%)										25-104		150		3000		242		540/560		260/275		616/2		77/77		GOOD		GOOD		GOOD		201102-B4-417		/		GOOD		GOOD	
TOTAL:										150		3000		242																									

REMARK: AS PER ASTM A213-10 ASSESSMENT IN ACCORDANCE WITH THE RESULTS OF THE CONTRACT, AND CONFORM TO THE SPECIFICATION ABOVE.

TEST PER ASTM A262 PRACTICE E MATERIAL FREE FROM MERCURY CONTAMINATION NO REPAIR BY WELDING

MADE IN CHINA HBB MAX 80 400X10X1.5

ADDRESS: 56# BENMIN ROAD, HAIYU TOWN, CHANGSHU CITY, JIANGSU PROVINCE, CHINA 215319 TEL: +86-512-52566760 FAX: +86-512-52566027

WALSIN-QS-T24-06

QUALITY MANAGER

Bin Sun

O.C. Reviewed
6-14-11 km

-304L * YT3253 * 1000667 * BN/230 * 3/14/2011

STS- 750- 049-



SHANGHAI CRYSTAL PALACE PIPE CO., LTD

LAO GANG, PUDONG NEW AREA DISTRICT, SHANGHAI, CHINA

MILL TEST CERTIFICATE

CRYSTAL PALACE

ISO9001:2000 PED Material Certificate (No.: QAC0021058/A)

DATE OF ISSUE: 2011/2/1

CUSTOMER: MARMON/KEYSTONE CANADA INC

CERTIFICATE NO.: 2010-11-9-B-4

P.O. NO.: BN7230

ORDER NO.: 2010-11-009-B

COMMODITY: STAINLESS STEEL SEAMLESS TUBING

GRADE: ASTM A213-09B/ASME SA213-07 TP304/TP304L

CONDITION: COLD FINISH / SOLUTION TREATED / PICKLED / PLAIN END / OD POLISHED 320 GRIT

HEAT NO.: YT3253

CHEMICAL CONTENTS (WT%)

ELEMENTS	C	Mn	P	S	Si	Ni	Cr
SPECIFICATION	≤ 0.035	≤ 2.00	≤ 0.040	≤ 0.030	≤ 0.75	8.0-12.0	18.0-20.0
RESULTS (LADLE)	0.025	0.74	0.039	0.002	0.41	8.08	18.34

PHYSICAL PROPERTIES

Dimensions		Bundle No.	Pieces	Weight (kg)	0.2%YS (Mpa)		TS (Mpa)		EL (%)		FLARING TEST	FLATTENING TEST	HARDNESS HRB	EDDY CURRENT TEST TO E426 (100%)
OD (inch)	W.T (inch)				≥ 205	≥ 515	≥ 35	≥ 35	≥ 35	≥ 35				
0.500	0.035	20	W10-12-12	500	797	340	695	66.0	OK	OK	OK	OK	73	OK (DRILLED HOLE)
0.750	0.049	20	11-1-90	25	84	345	690	57.0	OK	OK	OK	OK	75	OK (DRILLED HOLE)

REMARKS:

AS PER ASTM A213-09B/ASME SA213-07
WALL THICKNESS TOLERANCE AS PER ASTM A269-08
IN COMPLIANCE TO NACE MR0175-2003
IC TEST TO ASTM A262 PRACTICE E
SOLUTION HEAT TREATMENT: 1050°C X 1.5hr/min
NO WELD REPAIR WAS PERFORMED
FREE FROM MERCURY CONTAMINATION
COUNTRY OF ORIGIN: CHINA
MILL TEST CERTIFICATE TO EN 10204/3.1
INVOICE NO: YK-11-02-04

1. WE HEREBY CERTIFY THAT THE MATERIAL DESCRIBED HEREIN HAS BEEN TESTED AND THE TEST RESULTS ARE IN COMPLIANCE WITH THE TERMS OF THE PURCHASE ORDER OR CONTRACT
2. THE CERTIFICATE SHALL NOT BE REPRODUCED, EXCEPT IN FULL, WITHOUT THE WRITTEN APPROVAL OF THE COMPANY.

SHANGHAI CRYSTAL PALACE PIPE CO., LTD

QC REVIEWED
MAR 10 2011
MMJ

MANAGER OF QUALITY ASSURANCE DEPARTMENT

ATS- .500- .058-

-D6061 * F00011753 * 0005000 * MN2276 * 7/22/2011

07/11/2011 From: MARMON/KEYSTONE CORPORATION

To:

M/K OR:

INIT.:

OR.RES:

C.P.O.:

SLSPRS:

C PART:

KAISER

ALUMINUM

FABRICATED PRODUCTS

KAISER ALUMINUM
FABRICATED PRODUCTS, LLC
6573 W. WILLIS ROAD
CHANDLER, AZ 85226

CERTIFIED TEST REPORT

<http://Certs.KaiserAluminum.com>

CUSTOMER PO NUMBER: 61-14788-1		CUSTOMER PART NUMBER: AT7.5.058/734		PRODUCT DESCRIPTION: Seamless Tube/Pipe	
KAISER ORDER NUMBER: 207647	LINE ITEM: 001	SHIP DATE: 06/01/2011	KAISER LOT NUMBER: F00011753	ALLOY: 6061	TEMPER: T6
WEIGHT SHIPPED: 598.000 LB	QUANTITY: 524.000 PCS	BL NUMBER: 207901	DIAM/OD/THKNS: 	WIDTH: 	LENGTH: 12.000 FT
SHIP TO: MARMON/KEYSTONE CORP 32944 US HIGHWAY 6 SPRING VALLEY, IL 61362 USA			SOLD TO: MARMON/KEYSTONE CORP 10700 MARMON DR BOLINGBROOK, IL 60440 USA		

Actual Physical Properties

REFERENCE	DASH#	SAMPLE#	UTS (KSI)	YTS (KSI)	ELONG%	HARDNESS	CON%IACS	BEND
F00011753	0001	1	46.6	43.4	14.0	N/A	N/A	N/A
F00011753	0002	1	47.4	43.3	14.0	N/A	N/A	N/A
F00011753	0003	1	46.8	42.6	15.0	N/A	N/A	N/A

Chemical Composition (wt%), Aluminum Remainder

LIMITS	Si	Fe	Cu	Mn	Mg	Cr	Zn	Ti	Pb	Bi	Zr	Sr	Tot
Maximum	0.80	0.70	0.40	0.15	1.20	0.35	0.25	0.15	NA	NA	NA	0.05	0.15
Minimum	0.40	0.00	0.15	0.00	0.80	0.04	0.00	0.00	NA	NA	NA	0.00	0.00
D69220	.58	.33	.22	.05	1.00	.09	.07	.03	.00	.00	.00	.01	.02

CERTIFICATION

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Nathaniel Stevens, Quality Manager

Plant Serial: 00010655

Kaiser Order Number: 207647

Line Item: 001

Page 1 of 2

ATS .500 .058 D6061 T6

07/11/2011 From: MARMON/KEYSTONE CORPORATION

To:

M/K OR:

INIT.::

OR.REF:

C.B.O.:

SLSPRS:

C PART:

**KAISER
ALUMINUM
FABRICATED PRODUCTS**

KAISER ALUMINUM
FABRICATED PRODUCTS, LLC
6573 W. WILLIS ROAD
CHANDLER, AZ 85226

CERTIFIED TEST REPORT<http://Certs.KaiserAluminum.com>**Applicable Requirements:**

Description: MADE IN USA

OD: 0.500"; Wall: 0.058"; Round #

AMS-4082P ASTM-B210-04 WW-T-700/6F

WE TAKE EXCEPTION TO PARA. 5.2.1., Per AMS-4082P, WAS NOT OILED.

THE FOLLOWING SPECIFICATIONS HAVE BEEN MADE INACTIVE OR

CANCELLED: MIL-T-7081, WW-T-700F/GEN, WW-T-700/2E, WW-T-700/3F,

WW-T-700/4F, WW-T-700/5E, WW-T-700/6F, and WW-T-700/7B.

COMPLIES TO DIN EN 10204 JAN 2005

COMPLIES TO DFAR 252.225-7001 and DFAR 252.225-7014

No Weld Repair. Mercury Free.

Miscellaneous Notes

MANUFACTURED IN USA MELTED IN USA

Q. C. REVIEWED

7-22-11 KA

CERTIFICATION

Kaiser Aluminum Fabricated Products, LLC ('Kaiser') hereby certifies that metal shipped under this order has been inspected and tested and found in conformance with the applicable specifications forming a part of the description set forth in Kaiser's sales acknowledgement form. Any warranty is limited to that shown on Kaiser's general terms conditions of sale. Test reports are on file subject to examination.

Nathaniel Stevens, Quality Manager

Plant Serial: 00010655

Kaiser Order Number: 207647

Line Item: 001

Page 2 of 2


Marmon/Keystone Canada Inc.

ACIERS SPÉCIALISÉS

 290 Chemin du Tremblay
 Boucherville QU CAN J4B 5X9
 TEL. 514/527-9153
 FAX. 450/641-4357

 PAGE... 1
 Order : 1107441
 Date... 10/04/2011

PACKING SLIP
SOLD TO:

 DART AEROSPACE LTD
 1270 ABERDEEN STREET

HAWKESBURY ON CAN K6A 1K7

SHIPPED TO:

 DART AEROSPACE LTD
 1270 ABERDEEN STREET

HAWKESBURY ON CAN K6A 1K7

SHIP VIA		F.O.B.	SALESPERSON	YOUR ORDER NO.	
TST OVERLAND #222212		BOUCHERVILLE	G. Dulude	15061	
Ordered	Description	Number Pieces	Quantity Shipped	Back Ordered	
01	Fax all papers to Linda Lacelle 613-632-1053 rev: 01/11 GD STAINLESS STEEL SEAMLESS TUBE 304L smls tube 3/4"x.120" SA213aw AP STS .750 .120 F304L Tariff Number: 7304. Cust. part#: M304TRO.750W.120 HT#.....: YT3973 Total...	2 2	40/FT 40/FT		
02	ALUMINUM SMLS TUBE ATS .375 .049 D6061 Tariff Number: 7608.20.00.90 Cust. part#: M6061T6T0.375W.049 HT#.....: F00010620 Total...	4 4	48/FT 48/FT		
03	STAINLESS STEEL SEAMLESS TUBE SMLS TUBE 304L 1/2 X .035 A213 STS .500 .035 304L Tariff Number: 7304. Cust. part#: M304TRO.500W.035 HT#.....: YX1004-364 Total...	5 5	100/FT 100/FT		
04	STAINLESS STEEL SEAMLESS TUBE SMLS TUBE 304L 3/4 X .049 A213 STS .750 .049 304L Tariff Number: 7304. Cust. part#: M304TRO.750W.049 HT#.....: YT3253 Total...	10 10	200/FT 200/FT		
05	ALUMINUM SMLS TUBE ATS .500 .058 D6061 Tariff Number: 7608.20.00.90 Cust. part#: M6061T6T0.500W.058 HT#.....: F00011753 Total...	9 9	108/FT 108/FT		

No. of Bcls/Pieces 1 / 0

Total Weight..... 135

Customers.:



A Marmon Distribution Services/Berkshire Hathaway Company

TST Overland Express

Express LINK

P.O. Box 3030, Station A, Mississauga, Ontario L5A 3S3
G.S.T.# 144612488
Overland Western International Inc.(OWIA)
3091 Rockefeller Avenue, Cleveland, Ohio 44115-3611

Carrier Code
Code du Transp.

2153



750-2221831 5

Division of TST Solutions L.P.
Une division de TST Solutions L.P.
DUNS No. 242148401 (OVLD)

P/U Trailer - Unite Cueli

L/H Trailer - Unite Route

Manifest From - Manifest de		To - À	1107441	15061	10	4	11	
Consignee - Consignataire		Bill of Lading No. - N° Connaissement		Purchase Order No. - N° de Commande		Origin M	Dest. D-J	C.D. Y-A
DART AEROSPACE LTD		MARMON KEYSTONE LTD				MTL	MTL	5
1270 ABERDEEN STREET		290 CHEMIN DU TREMBLAY				Declared Value - Valeur déclarée .00		
HAWKESBURY, ON K6A 1K7		BOUCHERVILLE, PQ J4B 5X9				Type - Genre	%Tikr. - %Rem.	Page
						STD	0	01

Bill To - Facturer à

Origin Carrier - Premier Transporteur

O/C Pro No. - N° Facture P/T

M D-J

Beyond Carrier - Transporteur subs.

S.R.

Amount - Montant

Pieces - Coils	H.M.	Description	Weight - Poids	Rate - Taux	Charges - Frais
1		BDL STAINLESS STEEL TUBE TUBES EN ACIER RECOUVRIR EN TOUT TEMPS NE PAS UTILISER DE FOURCHES 613-632-5200 FUEL SURCHARGE Printed on 10/04/2011 @ 19:49 ** COLLECT **	135		COLLECT COLLECT

Total Pieces Coils total	GST# 144612488	Total Weight Poids total	Total Charges Frais totaux
1		135	COLLECT

E & OE

Print Last Name

A TransForce Company

S/W INTACT

☐ YES ☐ NO

Connecting Carrier Please - Protect this Amount

Au transporteur suivant - Frais à protéger

Any loss or damage must be noted on pro bill at time of delivery, otherwise consignee's signature will constitute clear receipt.
Toutes pertes ou dommages doivent être notés sur le connaissement au moment de la livraison, autrement la signature du consignataire constituera un reçu final.

C.O.D.

Total

P.S.L.

Cash or Certified Cheque Only - Driver Collect This Amount

Chèque visé ou argent comptant seulement - à percevoir par le chauffeur

Terms: Net 7 Days, Overdue Balance Subject to Interest Charges
Conditions: 7 Jours, compte en Souffrance Sujet à Intérêts

X
Received in Apparent Good Order- Reçu sans Avoir Apparente

Date

Time In

Time Out

Unit - Unité

Driver - Chauffeur

Signature Copy - Copie de Signature